A NEW KIND OF GLASS.

A Discovery that may Vastly Improve the Microscope—The Possibilities. That a recent wonderful discovery in microscopy has not been even noted in the public press may be cited as proof of the general apathetic tendency as regards scientific matters. The microscope has always been regarded as a wonderful instrument, but by the discovery of an entirely new kind of glass lately its powers are increased to an incredible degree. It was in the year 1878 that Dr.
Abbey read a paper before the South Kensington association, in England, in which he strongly set forth his ideas that it was posthat a new kind of glass might be made which would increase the power of the micro-scope. In the year 1881 he and Dr. Scott, a celebrated chemist, began to experiment in the town of Witten, in Westphalia. Their funds gave out in 1883, however, before they had obtained any remarkable results from their experiments, but both were so sanguine of making a beneficial discovery, if they had funds to centimue their work, that the Prussian government was induced to give \$1,500 for the continuation of experiments. Professor Abbey and Dr. Scott then erected a laboratory in Gomany, at the works of Carl Zeiss, a remunicaturer of instruments used by scientists. They tried nearly all known ele-ments, and it was only about six months ago that their long labor was crowned with suc-cess, which will make them famous in the

tory of science. The ordinary glass contains six substances The new glass made by Professor Abbey and Dr. Scott contains fourteen. The cost essential elements of which it is composed are phosphorus and boron, neither of which is

When the discovery was first made Carl Zeiss, the manufacturer, in whose place the experimentalists had worked, was in favor of getting out a patent, so that the discovery might prove a most profitable one, but the fact of the experiments having been conducted with funds supplied by the Prussian govern-ment prevented the discoverers from making it a private enterprise, and compels them to make it a public benefit. The difference be-tween the new and the old glass consists in the refraction of light. The glass is not on the market yet, but will be very shortly. It will be used entirely for high power instruments. The benefits to be derived from the discovery can hardly be estimated. It will, of course, be of great value in microscopic photography
—St. Louis Post-Dispatch.

A Trick in Drawing Slips. The boys think they do some pretty snarp tricks in politics, but I've yet to hear of some thing better than the way a Breckenridge delegation was elected in the old Fourth ward. It was before the war, and we were divided into Breckenridge and I aughs men. Jim George, who afterward went south, was for Douglas. Ex-Sheriff Turner Maddox was the Breckenridge leader. We met to elect ten delegates to the convention, and the vote was a tie. We tried it again and tied. Finally our side made a proposition to put the twenty names, ten Douglas and ten Breckenridge men, into a hat, and then have an outsider draw ten slips, those to be the delegates. Jim George was afraid there was some trick and wouldn't consent. We offered to let him fur-nish the let and hold it; then he gave in. The names were written and put into the tall silk hat and George held it. Billy McDonald, a printer, lived out of the ward, and we brought him in todraw the slips. He was blindfolded and his shirt sleeves rolled up above his elbows. George held the hat between his knees. McDonald drewn slip and it was a Breckenridge Ann. He drew another and it was another Breekenridge man. He kept on until the ten slips had been drawn, and every one of them was a Breckenridge man. George sat there, his face growing longer and longer. When the tenth name came out he turned the hat upside down and the ten Douglas names fell on the floor. He stood up, looked into his hat, grabbed the lining and tore it out. Then he throw the bat, a new one, on the floor, stronged on it and kicked it across the room. After awhile he cooled down and said, "Well, I'll stand by it, but I'll give you fellows a champagne supper at Hambright's that was the big restaurant in those days; it is the Metropolitan now) to tell me how you did it." We took his supper and his wine and told bim. He had written his names with pencil, and we had used ink. You see that was before the days of blotting paper, and we dried the jok with sand. The printer could tell the sanded slips as soon as he touched them.—"W. M. S." in Globe-Democrat.

The Ellent Force of Thought. The character of thought we think or put out affects our business favorably or unfa-It influences others for or against us. It is an element felt plensantly or un-plensantly by others, inspiring them with confidence or distrust.

The prevailing state of mind or character of thought shapes the body and features. It makes us ugly or pleasing, attractive or repulsive to others. Our thought shapes our gestures, our mannerism, our walk. The least movement of muscle has a mood of mind, a thought, behind it. A mind always determined has always a determined walk. A mind always weak, shifting, vacillating and uncertain makes a shuffling, shambling, un-certain gait. The spirit of determination ery muscle. It is the thought element of determination filling every muscle,

Look at the discontented, gloomy, melancholy and ill tempered men or women, and you see in their faces proofs of the action of this alent force of their unpleasant thought cutting, carving and shaping them to their present expression. Such people are never in good health, for that force nets on them as poison and creates some form of disease. A persistent thought of determination on a purpose, especially if such purpose be of benefit to others as well as ourselves, will fill every nerve with strength. It is a wise selfishness that works to benefit others along with our-selves.—Prentice Mulford's White Cross Li-

Prince Napoleon Much Put Out. When Prince Napoleon quite lately was in Rome he went to visit the Vatican galleries, being, as is well known, a fervent admirer of the fine arts. One day he happened to be in the Loggie di Raffaello when the signal was given that the pope was about to treverse the ralleries in going to his apartments. Now though the saintly Princess Clothiid , sister of Humbert I, and wife of Prince Napoleon, is, ns all the world knows, the devontest of Cathelies, yet "Pion Pion" himself has not been celebrated for his devotion to the But now, all of a sudden, he thought he should much like just to see the pope, himself unseen. He used every effort, therefore, to induce one of the papal gendarmes to let him stay hidden in some nook while his holiness passed. But all in vain; the official was just as impen trable to the prayers of a prince as he has often been found to be to many a tourist un der similar circumstances, and his bigines went off in a huff.—Boston Traveler.

The Undertaker's Bill.

M. De B. has been a widower for a week. The undertaker puts in his bill. Carriages, mutes, gloves and all the paraphernalia represented an outlay of 1,500 francs. "It's very dear," he exclaims. "Nonsense," sug-gests a friend; "your wife would have ex-pended cheerfully twice as much on you."— French Fun

Daily Fagle W. L. McBEE.

Sedgwick County Abstractor.



cernment of the one-five-hundred-theusandth part of an inch, and with the new glass it is claimed that the one-two-hundred-and-four-million-seven-hundred-thousandth part of an inch can be distinguished. This cartainly seems incredible, but positive assurance of its truth is given by parties who have tested Professor Abbey's and Dr. Scott's new instrument. When the discovery

AGENT-

I am prepared to offer to investors some Rare Bargains in Wich ita Real Estate. Now is the time to invest; if you hold off for lower prices you will be woefully disappointed. Prices are still daily advancing and will continue to do so.

Below is a Partial List of our Bargains and Sure to make Big Money For the Investor.

75 fet front on the corner of Tenth st. and Wabash Ave. 50 feet front on Main st. in Fairview addition. 1 acre in Perry 3 addition; good location and a Bargain. 75 feet front on corner of Emporia and Kellogg sts. 100 feet front on the corner of Emporia and Lewis st. 50 feet front on Fourth ave. 4 blocks south of Douglas ave. 10 acres in Tarleton's 3d add, very cheap; suitable for sub-

37 feet front on Market st.; new house, 4 rooms.

We have some very fine Business Property that we can sell at Great Bargains.

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Finest: Restaurant: in: Kansas.

WE MAKE A SPECIALTY OF TROPICAL FRUITS AND RARE CONFECTIONS.

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STAPLE and FANCY GROCERIES No. 227 E. Douglas Ave., Wichita, Kan.

ZIMMERLY'S ADDITION.

Now is the time to buy lots in this addition

while they are cheap. ONE MILE SOUTH ON LAWRENCE AVE.

Street cars and large brick School house in connection. For further information call at 611 S Market st.

MONEY TO LOAN On Chattel Mortgages and City Property, IN SMALL OR LARGE AMOUNTS. SHORT TIME AT THE LOWEST RATES Wichita Banking

116 WEST DOUGLAS AVENUE

The Oldest and Largest House in the City ALDRICH & BROWN

Nos. 138 and 140 Main street,

WICHITA, KAN.

J. E. JOHNSTON. Real Estate and Investor : of : Capital.

Business Lots and Sub-Dividing Acre sale by us, on terms to suit purchasers. We also have large stock ranches in this and alloling counties at very low prices. Grazing lands from \$2 to \$10 per acre. Property a Specialty.

STRANGERS visiting the city with a view of investing, will find it to their interest to call at Room No. 1, Noble Block, Corner Douglas and Topeka avenues, and see plats of the Three Inside Additions, all of which are within ten minutes walk from the Business Center.

Sole Agent for these Additions.

22-160, 150 in cultivation, 20 acres tame grass, 10 acres timber, good house and stable, fenced; is acres in hog lots and carrals, good well, pump and wind mill, good or chard, good spring; 1 mile to sehool, three and a half miles to Derby, on rational, fine farm, \$6,400, on good terms.

Sole Agent for these Additions. J. E. JOHNSTON.

FOR SALE.

Improved and Unimproved City Property on the best improved streets in the city. Lots on the inside on street car lines and in outside additions. Suburban lots on the east side in Maple Grove addition.

Business lots and business blocks for sale special bargains. Several fine tracts near at special bargains. Several fine tracts near the city for sub-dividing and plating.

Improved farms and grass lands in all 155-125 in cultivation, 2 acres timber, good house and barn, fenced; wells, orchard, 5 miles to 7 miles to 7 miles to 8 miles 10 miles to 8 miles to 8 miles 10 parts of the county; also ranches in this and adjoining counties.

All parties wishing to buy would do well to call and examine my list before buying elsewhere.

W. A. THOMAS,

The Oldest Real Estate Agency in Wichita.

WICHITA Wholesale Grocer Company

Nos. 233 and 235 North Main St., WICHITA, KAN.

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LARGE STOCK OF

We will offer for next thirty days our very large stock of Spring work, consisting of one very fine Vis-a-Vis, one 12-Passenger Hack, a number of fine Carriages of different styles, also Surrys, Phætons, Buggies, and Spring wagons in great variety,

At Cost in Our Repository.

This is no advertising scheme, but a notice to the people, made in good faith, in order to dispose of a very large stock before the close of the season We will, to accommodate persons who are not quite ready to buy, take a small payment down and hold goods for a few days. Will also take good notes on reasonable time.

Now is Your Chance
To get a good vehicle at cost. Come early while there is a large stock to select from. Remember the place,

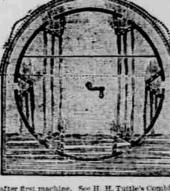
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CAPITAL, \$100,000.

No Delay. Farm Mortgages, Interest at Low Rates, ACT AS TRUSTEES FOR CORPORATIONS, CO-PARTNERSHIPS, ESTATES AND INDIVIDUALS. INTEREST PAID ON DEPOSITS.

JAMES J. BORISON, SECRETARY OFFICE, 127 MAIN STREET.



Wise men investigate and keep hand in hand with progress. Why not have a perfect washer as well as other machinery? I defy any expert to fault the com-bination. The above cut shows a sectional view of the combination. This machine combines three actions either of which will cleans clothing. At the O. K. Laun dry, 125 N. Lawrence ave., (where the machine can be seen at work any day) I washed 125 white pieces in thirty minutes, turning the wheel only eleven minutes of the time, and not a piece had to be rubbed, and some were exceedingly dirty shirts. Price Laundry muchine with heater, \$50.00. My family machine is about one-third the capacity. Price, Galvanized Boiler, Tin Wheel and Cover \$1000, Galvanized Boiler. Wheel and Cover, \$12.00. Fancet to draw water \$100 cutra. We guarantee the mahine to be the most simple, durable and easiest to keep clean in the market. A child ten years old can turn out a washing as fast as its mother can rinse and hang on the line—and that without the washteard, and that clothes ome whiter than by any other way of washing

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Wichita, Kansas.

338—160, 100 in cultivation, house and stable, 6.00 rods of good hedge, well, good orchard; [Ymile to school; \$1,500, \$1,500 due Oct. 1889, 9 per ct.

-160, 90 in cultivation, house and stable, well, 40 rods to school, 3 miles to rail-road town; special bargain and special terms; \$3,200.

267—160, 120 in cultivation, house and stable, grainery; fenced into 40 acre fields; 2 wells good orchard of all kinds of fruit, good farm; \$4,000, part time

372-160, 20 in cultivation, house, stable and grainery, well and spring, some orchard, 2% miles to ra frond town; \$3,200, terms

374-330, house, barn buggy shed and grainery, all fenced, good carrais and feed lots fenced; 2 miles to school, 1 mile to church; \$8,000.

3:7-560, 229 in cultivation, good house, barn and grainery, fenced and cross fenced, feed iots and carrais fenced; running water and three good wells, fine orchard, 5 miles to Amesley, 3 to Edgecomb; \$21,000.

33 8-160, 60 in cultivation, good granery, 3% miles to railroad town, very line land; 12 miles tg Wichita; \$4,000.

-100, 120 in cultivation, house, stable, crib, grainery and c-trais, fenced and cross fenced; 2 wells, pump and wind mill, finantial and large orchard of all kinds of fruit; a mile to school, 5 miles to Andover on Frisco railroad; \$5,000, part time.

-160, 110 cultivated, new 3-room house pantny and cellar, smok house; fenced and cross fenced, good hog lot. 2 good wells, tice young orchard, 80 rods to school, 5% miles to Derby, Rose Hill 4 miles \$4,500

427-160, 80 in cultivation, good house, barn and crib, 2 wells, orchard; 1 mile to schools 15 miles to Cheney on railroad; 84,000, terms.

428-769, 450 in cultivation, house, barn, grain-cry, 180 acres fonced with 3 wires, 185 acres hog tight 7 wires, wells, spring and river; 25, acres of choice fruit, bot-tom land; \$22,800, \$15,800 cash, balance at 7 per ct.

429-160, 160 in cultivation, small house, I mile to school, 3% miles to railroad town; \$2,50).

440-550 acres 175 in cultivation, good house, large harn, feaced; 2 good weils, 1 wind mill, 6 acre orchard; 4 m les to railroad town, 8 miles to Wichin; \$9,600, very good terms.

(43-16), unimproved, good spring, 4% miles to railroad town; \$3,000.

483—160, 75 in cultivation, 2-story 7-room house, good barn, also other stabling, 40 acase pasture, fenced; wells, fine young orchard, 5 miles to railroad town, 8 to

447-160, 20 in cuitivation, 2 bouses, 2 springs, % miles to railroad station; \$2,000, terms

445-80, 60 in cultivation, 1% story house, sta-ble, well fenced, 20 acres pacture, fenced, some fruit, 11 miles to Wichita; 82,400;

431-330, 22 in cultivation, good 2 story house, born 24x30 feet, hay fork and devrick, 2 good wells, determ, 240 acres fenced for pasture, good bearing orthard, 9 miles to Wichita, 3 mile to school; \$16,000.

671-160, 20 in cultivation, small house, near railroad station; \$1,800, \$100 on time

672-160, to in enlitration, good house and Sarn 110 fruit trees, 600 forest trees; \$2,900; \$500 on time

175-16), as in cultivation, house and stable, joins the town of Murdock, Kingman Co.; \$5,000; N.cash.

474-160, thin cultivation, no improvements: \$1,500; N cash.

473-169, 75 in cultivation, house and stable; \$1,000; \$1,0000n time.

477-820, 80 in cultivation, good house and sta-ble, 80 acres fenced, fine stock farm; \$4,000 % cash.

478-160, H5 incultivation, house and stable, 40 acres pasture, fenced, 2 or 2 acres in orchard; \$2,000; part time

479-860, 266 in cultivation, good improvements; fine farm in good location; \$15,600; good terms.

480-100, 110 in enitivation, house, barn, fenced, well, 45 miles to railroad town, 7 miles to Wichita, bargain; \$5,100; \$1,200 on time.

Special bargains in city and suburban prop-

-so, is in cultivation, small house, well, peach trees, 200 forest trees, 3 miles to railroad town; \$1.500, part time.

12—400, 133 in cultivation, house and stable, good orchard; fenced into 40 and 80 acre fields with water running through and conveyed into every 40 acre tract. One of the finest grain and best arranged stock farms in hansas, one-half miles to good railroad town, il miles to Wichita; \$12,000, one-third cash, balance to suit purchaser. - 180, 230 in cultivation, 2 good houses, good barn, fenced all around, pasture fenced, good orchard. I mile to school, 7 miles to Wichits, very fine farm and very cheap; \$12,(00), time on part.

33-160, 90 in cultivation, house stable, crib 20 in pasture, fenced; 2 wells and creek, good orchard, 60 rods to school, 7% miles to Wichitn; 24,500, % cash.

3734-160, 150 in cultivation, house, stable and crib, nice young orchard, fenced: well, pump and wind mili; 1% miles to Valley Center, choice bottom farm; \$5,000.

45%—160, 66 in cultivation, house, barn, cribs and grainery, 4-ton stock scale, nice young orchard, good wells; \$4,000, terms. -160, 50 in cultivation, small house and sta-ble, crib and grainery, some fruit; 1 mile to achool, '35 miles to raliroad towa, 10 miles to Wichita; \$3,000.

75—480. 200 in cultivation, 35 acres pasture, fenced; good house, barn and shed, 2 miles to railroad town, 11 miles to Wichita; \$12,000, ½ cash.

s6-329, 140 in cultivation, 60 pasture, fenced: nice young orchard, 2 wells, cistern; % mile to school, 3 to one and 4 miles to an-other railroad town, 8% miles to Wichita, very cheap; \$9,900, % cash. 96-320, 210 in cultivation, house, stable and grainery, good well and creek, 1 mite to school, 11 miles to Wichita; good corn farm; 87,500, terms.

127-160, 110 in cultivation, 25 acres pasture, fenced; house and barn, Hog and cattle lots fenced; some fruit; 5 miles to Wichita, fine view of the city; \$8,500, terms. 425-160, 100 in cultivation, house, stable and crib, some fence, well, creek; 35 miles to Garden Piains, 40 rods to school; \$3,600.

165—160, 160 in cultivation, house, barn and crib, fenced and cross fenced; 40 acre pas-ture, good orchard. I mile to school, 5% miles to railroad town; \$4,500, terms. 208-160, 110 in cultivation, house, stable and crib, well, some trult; 3% miles to 2 rail-road towns, 12 miles to Wichita; \$3,500, terms

221-160, 50 in cultivation, house, grainery sta-ble and crib, fenced and cross fenced, 30 ac es hog tight; 3 good wells and nice creek, fine orchard; 7% miles to railroad town, 2% miles to liose Hill; \$3,500, part time.

224-80, 50 in cultivation, house, make house, stable, grainery, crib and fenced; well, goodorchard; one and a fourth miles to church, 2 miles to 7.0, 8 miles to rail-road town; \$2,500; \$1,000 on time.

270-100, 70 in cultivation, house, stable, cribs and 2 carrais, feed lots and fenced; good orchard; 3% miles to railroid town; \$4,000, terms.

-1,520, 200 in cultivation, well improved, all fenced and all warered, fine grain and atock farm; 3% miles to raifroad town, two-thirds of it bottom; \$20,000, terms.

54-148, 100 in cultivation, fenced and cross-fenced; good house, stable and cribs, plenty of good fruit, good well; 85,000, term.

276-160, 90in cultivation, good house and barn, young orchard, 3 miles to Goddard \$5,000. (50-

251-100, 50 in cultivation, 3-room house, stable, pasture feared; 2 miles to railroad town, \$4,000, terms. 283-400, suitable for subdividing, three

from Wichita; price and terms on appli-283-329, 50 in cultivation, house and stable, 240 fenced for pasture, good well; 9 miles from Wichita, special bargain; \$7,900, % ca.h.

288-160, 100 in cultivation, house, stable, cribs etc. pasture, fenced; bearing crohard, first-class bottom land, & mile to school 2 miles to railroad town; \$7,000.

so, 40 in cultivation, 2-room house, 25 acre pasture, fenced; orchard, well and Nin-nescah river bottom; \$1,500 291-100, 160 cultivated, fenced; small house, stable and crib, g.od orchard, well, pump and whod mill; 5 miles to raifroad town, corost to school; \$1,200, terms.

475-160 unimproved; \$1,200; \$200 on time and corost to school; \$1,200, terms.

202-80, To in cultivation, house, stable, cribs. etc., fenced into 4 fields, good young or-chard, 8 miles to Wichita, 40 rods to school; \$3,300.

8(2-160, 160 in cultivation, good 5-room house, good barn, grainery for 1,600 bu, pasture, fenced; 2 good wells, and creek, orchard, 5 mile to achool, 4 miles to Goddard and Garden Plains; special bargain; \$4,200, \$1,200 4 yrs 6 per ct.

303—160, H0 in cultivation, house, stable and crib, hedged into 40 acre fields, bearing orchard; I mile to echool, 6 miles to rail-road town; \$5,500.

erty.
Cheap Thacre lots on College Hill.
Five and ten acre tracts suitable for platting and gardening, very low on terms to said 344—320, 256 in cultivation, small house, Kan-arastable, pasture, fenced; fine orchard, I mile to School 4 miles to Berby, very fine farm; \$9,990, terms Business lite on Main and Douglas avenues

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and we desire to give our customers the privilege of

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in which to buy. We take great pleasure in showing property, both

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